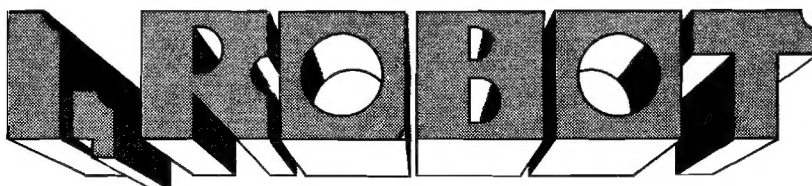


Supplement to



Operators Manual (TM-251, 1st printing) and Schematic Package (SP-251, 1st printing)

This Supplement provides documentation for revisions made to the items below:

- Table 1-2 Settings for Bonus Interval and Play Options
- Accounting and Options self-test screen
- Joystick self-test screens
- CPU and video printed-circuit boards
- EMI Shield PCB
- Cabinet-mounted assemblies
- Control panel hardware and start switch wire colors
- CPU and video PCB schematics

Keep this supplement with your I, ROBOT manual and schematic package for future reference.



A Warner Communications Company

Table 1-2

Toggle Switch 8 has changed as follows:

FROM:	On	Doodle City for 2 Minutes 10 Seconds ◀
	Off	Doodle City for 3 Minutes 5 Seconds
TO:	On	English Game Prompts ◀
	Off	German Game Prompts

Accounting and Options

A language option has been added to Screen 1–Accounting and Options. The game-play prompts can be set in either English or German. Also, Doodle City time limitations have been revised. The time can be set to between 1½ and 10 minutes by simultaneously pressing the START 1 button and moving the joystick while in Screen 1.

Joystick Centering

The joystick centering screens have been revised to provide more detailed test readings. The joystick centering procedure will remain the same.

Screen 3–Joystick Test 1 provides the X- and Y-axis decimal reading (instead of hexadecimal) of the joystick in the upper right hand corner.

Screen 4–Joystick Test 2 provides minimum and maximum X- and Y-axis readings of the joystick. The screen also shows the present joystick reading in the *NOW* column. The joystick is centered if the number that appears in the *NOW* column is between the minimum and maximum readings.

CPU Printed-Circuit Board

The following parts have been added to the CPU PCB

R84, R86	220 Ω , $\pm 5\%$, ¼ W Resistor	110000-221
R85	620 Ω , $\pm 5\%$, ¼ W Resistor	110000-621

Also, the 10 k Ω resistor at RN1 and RN2 is a 9-Pin resistor (not 10-Pin).

Video Printed-Circuit Board

The following parts have been added to the Video PCB

C98	0.22 μ F, 25 V, Ceramic Capacitor	122004-224
CR2	Type-IN5818 Diode	131025-001

EMI Shield PCB

EMI Shield PCB part number A037667-03 is used in the I, ROBOT game (not A037667-02). The EMI Shield PCB assembly drawing and its parts list are provided at the back of this Supplement.

Cabinet-Mounted Assemblies

The changes to the Cabinet-Mounted Assemblies parts list are as follows:

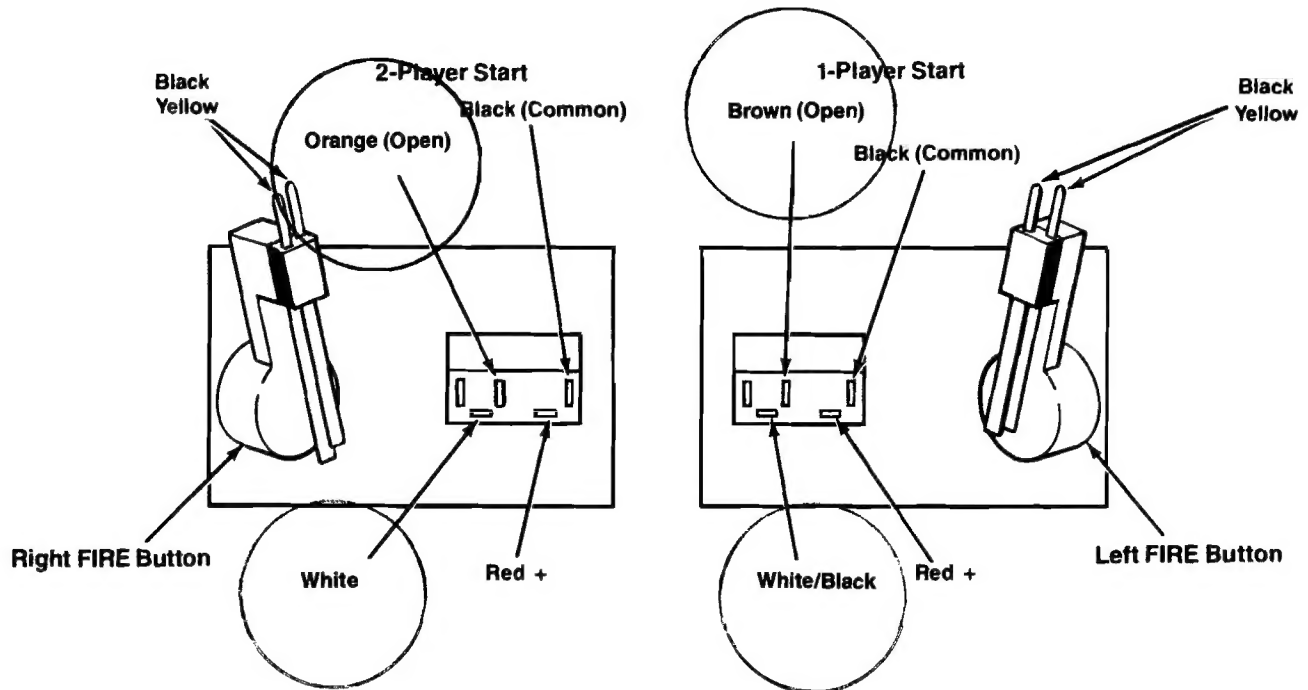
US-built games use power cord part no. **A042815-01**.

Ireland-built games use power cord part no. **A042815-02**.

Control Panel

The Locknut (part no. 75-941S) has been replaced with a Nut/Washer Assembly (part no. 75-99511).

The start switch wire colors should be as follows:



Schematic Package

Note the following changes to the I, ROBOT schematics:

Sheet 3B (CPU Schematic):

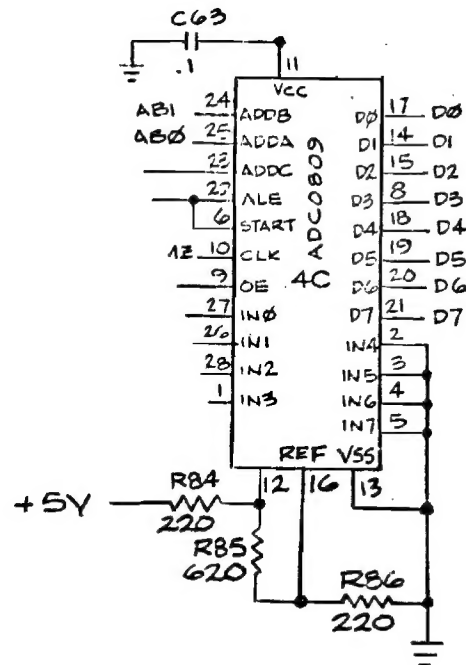
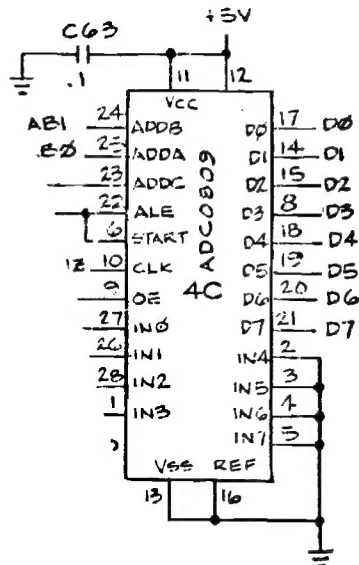
FROM:

ABZ	4	A2
AB1	5	A1 4B
AB0	6	A0
XSTORE	9	STR
RECALL	10	RE
SAVRAM	7	CS
WRITE	11	WE
		SD

TO:

ABZ	4	A2
AB1	5	A1 4B
AB0	6	A0
XSTORE	9	STR
RECALL	10	RE
SAVRAM	7	CS
WRITE	11	WE
		VSS
		18

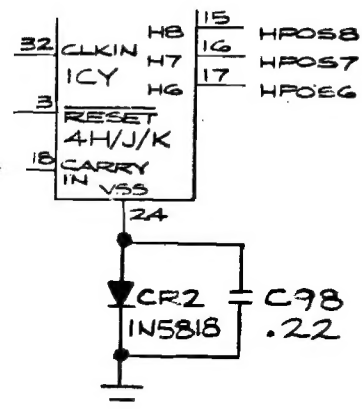
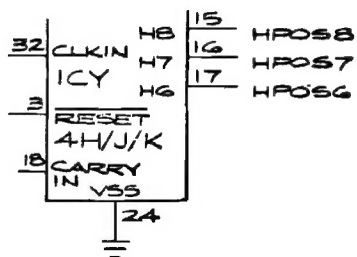
TO:

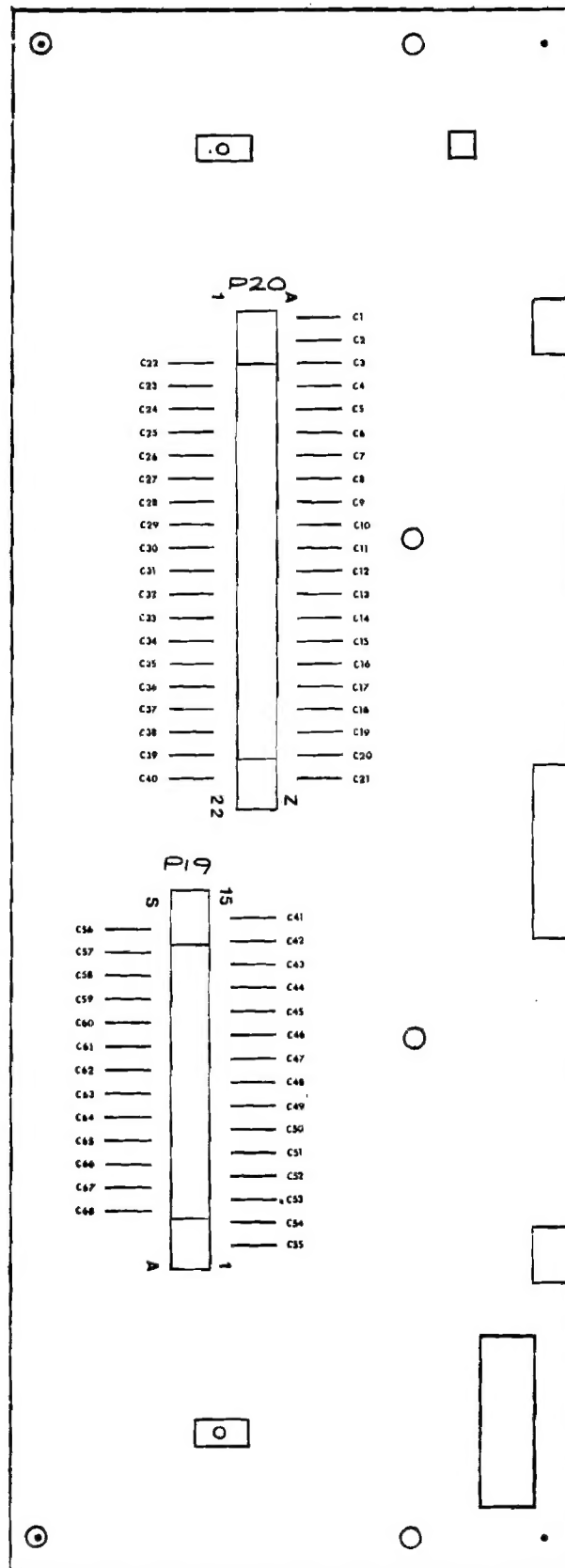


Sheet 10B (Video Schematic):

FROM:

TO:





**EMI Shield Printed-Circuit Board Assembly
A037667-03 B**

EMI Shield Printed-Circuit Board Parts List

Designator	Description	Part No.
Capacitors		
C1, C2	0.1 μ F, 50 V, Ceramic Capacitor	122002-104
C5	0.1 μ F, 50 V, Ceramic Capacitor	122002-104
C6-C8	0.01 μ F, 25 V, Ceramic Capacitor	122005-103
C10, C11	0.01 μ F, 25 V, Ceramic Capacitor	122005-103
C16-C18	0.01 μ F, 25 V, Ceramic Capacitor	122005-103
C20	0.01 μ F, 25 V, Ceramic Capacitor	122005-103
C21	0.1 μ F, 50 V, Ceramic Capacitor	122002-104
C23	0.01 μ F, 25 V, Ceramic Capacitor	122005-103
C25-C30	0.01 μ F, 25 V, Ceramic Capacitor	122005-103
C36	0.01 μ F, 25 V, Ceramic Capacitor	122005-103
C37	0.1 μ F, 50 V, Ceramic Capacitor	122002-104
C40	0.1 μ F, 50 V, Ceramic Capacitor	122002-104
C47	1000 pF, 100 V, Ceramic Capacitor	122016-102
C48-C51	470 pF, 100 V, Ceramic Capacitor	122016-471
C52, C53	1000 pF, 100 V, Ceramic Capacitor	122016-102
C54-C57	0.1 μ F, 50 V, Ceramic Capacitor	122002-104
C64	0.1 μ F, 50 V, Ceramic Capacitor	122002-104
Connectors		
P19	30-Pin Connector (Acceptable substitute is part no. 179046-030)	179073-030
P20	44-Pin Connector (Acceptable substitute is part no. 179046-044)	179073-044